

June 18, 2010

CROMAGLASS® CORPORATION  
ASHLEY BOGART  
2902 N REACH RD  
PO BOX 3215  
WILLIAMSPORT PA 17701

Re: Description: SEWAGE TREATMENT SYSTEMS, AERATED (also see SEWAGE TREATMENT APPARATUS)  
Manufacturer: CROMAGLASS® CORPORATION  
Product Name: SEQUENCE BATCH REACTOR (SEWAGE TREATMENT TANK/PUMP TANK)  
Model Number(s): CA-12  
(MAX. DWF 960 GPD OR 500 IF USED AS TREATMENT/PUMP TANK AND CA-12 DENITE 800 GPD; ACTUAL TANK CAPACITY 1358 GALS.; MAX. BOD5 4.4 LBS./DAY; TANK DIMENSIONS = 11 FT. 3 IN. L X 5 FT. 7 IN W X 5 FT. 7 IN. H)  
Product File No: 20090362

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of FEBRUARY 2015.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- A minimum 2" diameter vent must be provided on the building sewer within 12" of the connection to the tank.
- **The maximum daily wastewater flow which may discharge through model CA-12 is 960 gallons per day.**
- The maximum daily wastewater flow which may discharge through model CA-12 DENITE is 800 gallons per day.
- When the product is utilized as a treatment/dose tank the following limits are required:
  - A. The maximum daily wastewater flow which may discharge through this product is 500 gallons per day.
  - B. The maximum number of doses per day is four.
  - C. The maximum volume of a single dose is 125 gallons.
  - D. The dose pump shall not exceed 1/3 HP, have a run time between 8 and 30 minutes, and comply with the system design.
- When this product receives wastewater from dwellings, it will produce an effluent quality with a maximum monthly average value for BOD5 of less than or equal to 30 mg/L, TSS of less than or equal to 30 mg/L TSS and F.O.G. of less than 30 mg/L.
- **Bedding:** All installation must have a level, concrete 9 in.-thick concrete base. For installation in high ground water or flooding, drain tile or tie downs are recommended.

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TABLE 1  
INSPECTION, MAINTENANCE AND PUMPING  
PRODUCT/ (Models): CROMAGLASS CA-SERIES  
[DESCRIPTION—STAND ALONE FIBERGLASS TANK WITH AERATION UNIT]

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Initial/Startup Inspection/ Maintenance: 2-YEAR SERVICE POLICY, OR AS DICTATED  
BY LOCAL SERVICE AGENCY  
Routine Inspection/Maintenance: 2-YEAR SERVICE POLICY, OR AS DICTATED  
BY LOCAL SERVICE AGENCY  
Ongoing Pumping Cycle and/Or Requirements: OPERATOR DETERMINED VIA  
SETTLER METER TEST, OR AS DICTATED BY LOCAL SERVICE AGENCY  
Back-Wash Cycle: N/A  
Effluent Performance Levels: CLASS I NSF-40 EFFLUENT STANDARD\*  
BOD5 Credit For Downsizing Distribution Area: YES \*  
Fecal Credit for Reduction of Vertical Separation: NO  
Additional Comments: NONE

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\* NOTE: NSF-40 Standard – Class 1, Class 2, and None or NA

- For residential use, use 150 gal./day/bedroom for design purposes.
- Additional information is included as attachment(s) to this letter; see attachment A.

This approval supersedes the approval issued on 2/21/2005 under product file number 20050003.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050003.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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